AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-18. (canceled).

19. (currently amended):   A method of managing a network comprising a plurality of network devices, the plurality of network devices being connected to the network as a client or server, the method comprising:

establishing a communication channel between a ~~first network~~client device and a ~~second network~~server device;

transmitting from the ~~second network~~server device a predetermined signal that indicates information on at least one of a plurality of functions and operating status of the ~~second network~~server device, to the ~~first network~~client device;

receiving the predetermined signal at the ~~first network~~client device and notifying a user according to the information of the ~~second network~~server device; and

allowing the user to control an operation of the ~~second network~~server device from the ~~first network~~client device by utilizing the received information.

20. (previously presented): The method of claim 19, wherein the predetermined signal is transmitted via a HTTP protocol.

21. (canceled).

22. (currently amended):   The method of claim 19, wherein the notifying comprises displaying the information on a screen of the ~~first network~~client device.

23. (currently amended):   The method of claim 19, wherein the user can access and control the ~~second network~~server device using a web browser.

24. (currently amended):   A method of managing a network comprising a plurality of network devices, the method comprising:

establishing a communication channel between a ~~first network~~client device and a ~~second network~~server device;

receiving a predetermined signal indicating information on at least one of a plurality of functions and operating status of the ~~second network~~server device at the ~~first network~~client device;

notifying a user at the ~~first network~~client device according to the information regarding the ~~second network~~server device; and

allowing the user to control an operation of the ~~second network~~server device from the ~~first network~~client device using the received information via a web browser.

25. (previously presented): The method of claim 24, wherein the predetermined signal is received in a physical layer.

26. (currently amended):   The method of claim 24, wherein the notifying comprises displaying the information on a screen of the ~~first network~~client device.

27. (currently amended):   The method of claim 26, further comprising:

storing the information regarding the ~~second network~~server device;

comparing the current information regarding the ~~second network~~server device with pre-stored information regarding the ~~second network~~server device; and

displaying contents of the change in the ~~second network~~server device made based on the comparison result on the screen.

28. (canceled).

29 (currently amended): A network device connected to a network, comprising:

a display screen;

a physical layer module for realizing the function of a physical layer;

a link layer module for realizing the function of a link layer; and

a processor in cooperation with the display screen, the physical layer module and the link layer module to perform a method comprising:

establishing a communication channel with a ~~second network~~server device;

receiving a predetermined signal indicating information on at least one of a plurality of functions and operating status of the ~~second network~~server device;

notifying a user according to the information regarding the ~~second network~~server device through the display screen; and

allowing the user to control an operation of the ~~second network~~server device by utilizing the received information.

30. (previously presented): The device of claim 29, wherein the predetermined signal is received in the physical layer.

31. (currently amended): The device of claim 29, wherein the processor further performs the method comprising:

storing the information regarding the ~~second network~~server device;

comparing the current information regarding the ~~second network~~server device with a pre-stored information regarding the ~~second network~~server device; and

displaying contents of the change in the ~~second network~~server device made based on the comparison result on the screen.

32. (currently amended): The device of claim 29, wherein the network device is a client device and the ~~second network~~server device is a server device.

4